

Fact Sheet



For Draft/Proposed Significant Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Significant Modification, and shall be considered a supplement to the original Fact Sheet corresponding with the issuance of the initial Title V operating permit issued on May 16, 2006

Permit Number: **R30-01700100-2006**
Application Received: **08/05/2008**
Plant Identification Number: **03-54-01700100**
Permittee: **Dominion Transmission, Inc**
Facility Name: **Schutte Compressor Station**
Mailing Address: **445 West Main Street**
Clarksburg, WV 26301

Permit Action Number: SM01 Revised: January 26, 2009

Physical Location:	Salem , Doddridge County, West Virginia
UTM Coordinates:	534.46 km Easting • 4357.67 km Northing • Zone 17
Directions:	From the intersection of Rt. 50 and Rt. 98, go West on Rt. 50 for 9.9 miles to Rt. 23 North, turn right onto Rt. 23 North, travel 19.5 miles on Rt. 23, just past the Columbia Gas Office turn left onto gravel road and cross small bridge. Continue to station on the right.

Facility Description

Schutte Compressor Station is a natural gas transmission facility covered by Standard Industrial Classification (SIC) Code 4922. The station has the potential to operate seven (7) days per week, twenty-four (24) hours per day. The station consists of two (2) 660 HP natural gas fired reciprocating engines, one (1) dehydrator reboiler, one (1) dehydration unit, one (1) dehydration unit still flare, one (1) pipeline heater and four (4) storage tanks of various sizes.

This Title V significant modification (SM01) includes changes approved under R13-2778: Installation of one additional (1) natural gas fired compressor engine (EN03) and replacement of the dehydration unit (RBR01, DEHY01) and flare (F1) to increase capacity to compress gas.

Emissions Summary

As the result of the significant modification (SM01) here are the following PTE changes:

Pollutant	Change in Potential Emissions (+ or -), TPY
Nitrogen Oxides	+11.59
Carbon Monoxide	+2.90
Volatile Organic Compounds	+5.21

Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 270.01 tons of NO_x and 157.34 tons of VOC. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Dominion Transmission, Inc is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR2	Opacity Requirements for boilers
	45CSR6	Open burning prohibited.
	45CSR10	Sulfur requirements for fuel burned
	45CSR11	Standby plans for emergency episodes.
	45CSR17	Control fugitive particulate matter
	WV Code § 22-5-4 (a) (14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	40 C.F.R. Part 61	Asbestos inspection and removal
	40 C.F.R. Part 82, Subpart F	Ozone depleting substances
	45CSR13	Construction permit requirements
	45CSR30	Operating permit requirement.
State Only:	40 CFR 60, Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
	45CSR4	No objectionable odors.

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR15, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-2778	11/03/2008	NA

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B which may be downloaded from DAQ's website.

Determinations and Justifications

This Title V significant modification (SM01) includes the changes approved under R13-2778, issued on November 3, 2008. R13-2778 was a construction permit for the installation of a new compressor engine (EN03), the replacement of the dehydration unit flare (DEHY) with a new flare (F1), the replacement of Glycol Dehydration Unit Reboiler (RBR01) and Glycol Dehydration Unit Still Column (DEHY01) with increased Design Capacity 10 MMBtu/hr. Changes are made to increase capacity to compress gas and are shown in section 1.1.

As a result of the inclusion of R13-2778 requirements, the following conditions have been added to the Title V Permit:

3.1.12, 3.1.13, 3.4.4, 5.1.6 through 5.1.10, 5.2.2, 5.2.3, 5.3.2 through 5.3.4, 5.4.2 through 5.4.9, 5.5.3 through 5.5.5 and section 6.0.

Pipeline heater #2 (HTR02) is being removed from section 4.0 because this equipment has been removed from the facility but was left in renewal permit by mistake.

Condition 5.3.1 is removed as this sampling requirement was in Title V permit specifically for the old dehydration unit which has been replaced with a new dehydration unit. Condition 5.3.4 from R13 permit covers sampling requirements for a new dehydration unit.

Condition 5.5.1 is removed as this reporting requirement was in Title V permit specifically for the old dehydration unit which has been replaced with a new dehydration unit. Condition 5.5.4 from R13 permit covers reporting requirements for a new dehydration unit.

Condition 5.5.2 is modified because condition 5.3.4 replaced 5.3.1.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

40 CFR 64 - Engines do not have any control; Glycol Dehydration unit is not a major source of HAPs. Therefore, in accordance with 40 C.F.R § 64.2(a), CAM is not applicable to this facility.

Request for Variances or Alternatives

None

Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

Comment Period

Beginning Date: 12/9/08
Ending Date: 1/8/09

All written comments should be addressed to the following individual and office:

Beena Modi
Title V Permit Writer
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

Procedure for Requesting Public Hearing

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

Point of Contact

Beena Modi
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1228 • Fax: 304/926-0476

Response to Comments (Statement of Basis)

No Comments were received